RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/697,995
Source: EFW6
Date Processed by STIC: 10-28-04

ENTERED

IFWO

RAW SEQUENCE LISTING DATE: 10/28/2004
PATENT APPLICATION: **US/10/697,995** TIME: 13:05:23

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF4\10282004\J697995.raw**

<110> APPLICANT: Reilly, Dorothea
Yansura, Daniel G.
<120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INCREASING ANTIBODY PRODUCTION
<130> FILE REFERENCE: 11669.195USU1
<140> CURRENT APPLICATION NUMBER: US 10/697,995
<141> CURRENT FILING DATE: 2003-10-30
<150> PRIOR APPLICATION NUMBER: US 60/422,952
<151> PRIOR FILING DATE: 2002-10-31
<160> NUMBER OF SEQ ID NOS: 37
<210> SEQ ID NO: 1
<211> LENGTH: 3300
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: anti-TF vector
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tagtcgcttt gtttttattt tttaatgtat ttgtaactag tacgcaagtt 1550
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<211> LENGTH: 237
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: anti-TF light chain
<400> SEQUENCE: 2
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1 5 10 15
Ser Ile Ala Thr Asn Ala Tyr Ala Asp Ile Gln Met Thr Gln Ser

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Input Set : A:\Sequence Listing.txt
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                  35                  40                  45
 Cys Arg Ala Ser Arg Asp Ile Lys Ser Tyr Leu Asn Trp Tyr Gln
                  50                  55                  60
 Gln Lys Pro Gly Lys Ala Pro Lys Val Leu Ile Tyr Tyr Ala Thr
                  65                  70                  75
 Ser Leu Ala Glu Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser
                  80                  85                  90
 Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp
                  95                 100                 105
 Phe Ala Thr Tyr Tyr Cys Leu Gln His Gly Glu Ser Pro Trp Thr
                 110                 115                 120
 Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala
                 125                 130                 135
 Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
                 140                 145                 150
 Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg
                 155                 160                 165
 Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
                 170                 175                 180
 Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
                 185                 190                 195
 Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
                 200                 205                 210
 Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser
                 215                 220                 225
 Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
                 230                 235
<210> SEQ ID NO: 3
<211> LENGTH: 470
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: anti-TF heavy chain
<400> SEQUENCE: 3
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                  20                  25                  30
 Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys
                  35                  40                  45
 Ala Ala Ser Gly Phe Asn Ile Lys Glu Tyr Tyr Met His Trp Val
                  50                  55                  60
 Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Gly Leu Ile Asp
                  65                  70                  75
 Pro Glu Gln Gly Asn Thr Ile Tyr Asp Pro Lys Phe Gln Asp Arg
                  80                  85                  90
 Ala Thr Ile Ser Ala Asp Asn Ser Lys Asn Thr Ala Tyr Leu Gln
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Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\10282004\J697995.raw

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                    95                  100                 105
Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
                   110                 115                 120
Arg Asp Thr Ala Ala Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu
                   125                 130                 135
Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro
                   140                 145                 150
Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu
                   155                 160                 165
Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser
                   170                 175                 180
Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala
                   185                 190                 195
Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr
                   200                 205                 210
Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val
                   215                 220                 225
Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro
                   230                 235                 240
Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro
                   245                 250                 255
Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro
                   260                 265                 270
Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
                   275                 280                 285
Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
                   290                 295                 300
Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
                   305                 310                 315
Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr
                   320                 325                 330
Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys
                   335                 340                 345
Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser
                   350                 355                 360
Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro
                   365                 370                 375
Pro Ser Arg Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys
                   380                 385                 390
Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu
                   395                 400                 405
Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val
                   410                 415                 420
Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val
                   425                 430                 435
Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
                   440                 445                 450
Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser
                   455                 460                 465
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Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\10282004\J697995.raw

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319 470
321 <210> SEQ ID NO: 4
322 <211> LENGTH: 3242
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Anti-TF vector
329 <400> SEQUENCE: 4
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334 gaactgtgtg cgcaggtaga agctttggag attatcgtca ctgcaatgct 150
336 tcgcaatatg gcgcaaaatg accaacagcg gttgattgat caggtagagg 200
338 gggcgctgta cgaggtaaag cccgatgcca gcattcctga cgacgatacg 250
340 gagctgctgc gcgattacgt aaagaagtta ttgaagcatc ctcgtcagta 300
342 aaaagttaat cttttcaaca gctgtcataa agttgtcacg gccgagactt 350
344 atagtcgctt tgtttttatt ttttaatgta tttgtaacta gtacgcaagt 400
346 tcacgtaaaa agggtatcta gaattatgaa gaaaaacatc gcttttcttc 450
348 ttgcatctat gttcgttttt tctattgcta caaacgcgta cgctgatatc 500
350 cagatgaccc agtccccgag ctccctgtcc gcctctgtgg gcgatagggt 550
352 caccatcacc tgcagagcca gtcgcgacat caagagctat ctgaactggt 600
354 atcaacagaa accaggaaaa gctccgaaag tactgattta ctatgctact 650
356 agtctcgctg aaggagtccc ttctcgcttc tctggatccg gttctgggac 700
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362 aaggtggaga tcaaacgaac tgtggctgca ccatctgtct tcatcttccc 850
364 gccatctgat gagcagttga aatctggaac tgcttctgtt gtgtgcctgc 900
366 tgaataactt ctatcccaga gaggccaaag tacagtggaa ggtggataac 950
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378 ctcggttgcc gccgggcgtt ttttattgtt gccgacgcgc atctcgaatg 1250
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388 aaagttaatc ttttcaacag ctgtcataaa gttgtcacgg ccgagactta 1500
390 tagtcgcttt gtttttattt tttaatgtat ttgtaactag tacgcaagtt 1550
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VERIFICATION SUMMARY DATE: 10/28/2004
PATENT APPLICATION: US/10/697,995 TIME: 13:05:24

Input Set : A:\Sequence Listing.txt
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